

Model 100

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|--|--|---|
| 1 Air compressor | A Intake line | B5 Pressure line (full operational pressure) from pressure regulator to brake booster |
| 2 Air filter | B Pressure line | B6 Pressure line (reduced pressure) valve unit to actuating valve |
| 3 Anti-freeze device | C Return flow line | B7 Pressure line (reduced pressure) from actuating valve to air horn |
| 4 El. pressure switch for warning lamp | D Air control line | C Return flow collecting pipe to anti-freeze device |
| 5 Valve unit | E Connecting line between level control valve and air suspension | C1 Return flow line from pressure regulator |
| 6 Warning lamp (red) | A1 Intake pipe and air release line from air filter to anti-freeze device | C2 Return flow line from level control valves to valve unit |
| 7 Valve unit cable | A2 Intake line from anti-freeze device to air compressor | C3 Return flow line from valve unit |
| 8 Air bellows | B1 Pressure line (full operational pressure) from air compressor to pressure regulator | C4 Return flow line from brake booster |
| 9 Rear level control valve unit | B2 Pressure line (full operational pressure) from pressure regulator to valve unit | D Air control line for increased height from valve unit to level control valve |
| 10 Air chamber | B3 Pressure line (full operational pressure) from valve unit to level control valve on rear axle | E1 Junction line between level control valve and front axle air suspension |
| 11 Air reservoir tank | B4 Pressure line (reduced pressure) from valve unit to level control valves on front axle | E2 Junction line between level control valve and rear axle air suspension |
| 12 Pressure regulator | | |
| 13 Front left level control valve | | |
| 14 Front right level control valve | | |
| 15 Air piston | | |
| 18 Actuating valve for air horn | | |
| 22 Torsion bar lever | | |

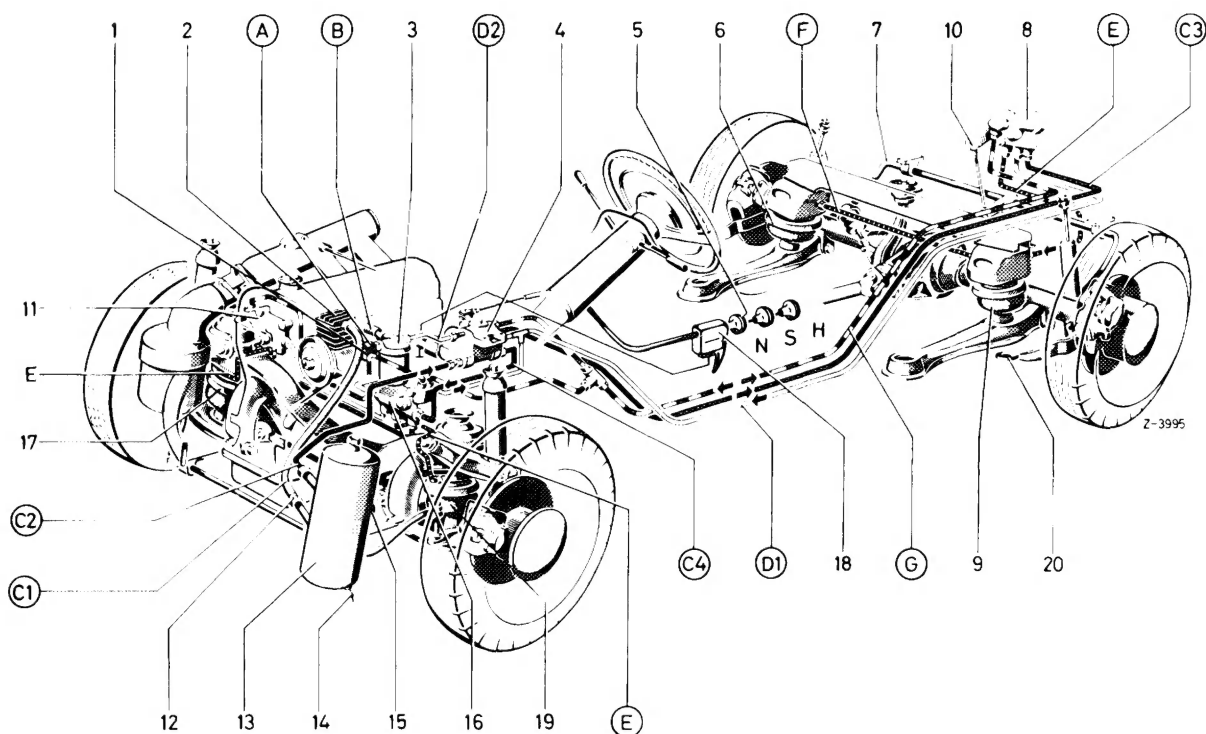
• Visual inspection

Check the following for leakages, chafing, dents, cracks and corrosion:

Air filter
 Anti-freeze device
 Air compressor
 Air reservoir tank
 Pressure regulator (only on model 100)
 Valve unit
 Level control valves
 Air chambers
 Hoses and pipe lines

Note: Hairline cracks on the outer rubber coating of the bellows are without effect (see also job no. 676).





Model 109

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| A Air suction inlet and air release | 1 Air filter |
| B Air intake line from anti-freeze device to air compressor | 2 Air compressor |
| C1 Pressure line (full operational pressure) from air compressor to air reservoir tank | 3 Anti-freeze device |
| C2 Pressure line (full operational pressure) from air reservoir tank to valve unit | 4 Valve unit |
| C3 Pressure line (full operational pressure) from valve unit to level control valve on rear axle | 5 Warning lamp |
| C4 Pressure line (reduced pressure) from valve unit to level control valve on front axle | 6 Air chamber on rear axle |
| D1 Return flow line from level control valve to valve unit | 7 Rear axle torsion bar |
| D2 Return flow line from valve unit to anti-freeze device | 8 Level control valve on rear axle |
| E Connection line between level control valves and air suspension | 9 Spring bellows on rear axle |
| F Compensating line between air suspension on rear axle | 10 Level control valve tie rod |
| G Pressure control line for increased height from valve unit to level control valves | 11 Front right level control valve |
| | 12 Non-return valve |
| | 13 Air reservoir tank |
| | 14 Drain valve |
| | 15 Air inlet valve |
| | 16 Front left level control valve |
| | 17 Air chamber on front axle |
| | 18 Valve unit cable |
| | 19 Air bellows on front axle |
| | 20 Anti-dive bar |